Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	13986	((134/1.3,3) or (216/13,18,38,39, 67,72,88,89,90,91) or (438/690,691, 692,700,706,710,723,724,738,740)). CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/16 10:12
L2	8065	damascene$4 AND via$4	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/16 10:12
L3	5503	L2 AND (aluminum)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/16 10:12
L4	3788	L3 AND (aluminum WITH (metal$4 OR wir$4))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/16 10:12
L5	2150	L4 AND (barrier$4 WITH (Ti OR titanium OR nitride))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/16 10:12
L6	1668	L5 AND (chemical$4 ADJ mechanical$4 ADJ polish$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/16 10:12
L7	39	L6 AND ((hydro$1fluoric OR HF) WITH clean$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/16 10:12
L8	4	L1 AND L7	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/16 10:13
S1	8047	damascene$4 AND via$4	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/10 08:25
S2	7244	S1 AND (Al OR aluminum)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/10 15:22
S3	3574	S2 AND (barrier$4 WITH (Ti OR titanium OR nitride))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/10 15:23
S4	1	S3 AND (etch$4 WITH ((argon OR Ar) AND (oxygen OR O2 OR "O.sub. 2") AND (C4H8 OR "C.sub.4H.sub. 8")))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/10 08:35
S5	358	S3 AND (etch$4 WITH ((argon OR Ar) AND (oxygen OR O2 OR "O.sub. 2")))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/10 09:33
S6	22	S5 AND (side$1wall$1 WITH smooth$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/10 08:44

S7	4	S3 AND (etch$4 WITH ((argon OR Ar) AND (oxygen OR O2 OR "O.sub.2") AND (C4H8 OR "C.sub.4H.sub.8" OR "C.sub.4 H.sub.8")))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/10 08:35
S8	54	S3 AND (side$1wall$1 WITH smooth$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/10 15:24
S9	22	S3 AND (side$1wall$1 WITH smooth$4 WITH etch$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/10 09:34
S10	3446	S3 AND etch$4	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/10 09:34
S12	2945	S10 AND polish$4	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/10 09:42
S13	630	S12 AND (hydro$1fluoric OR HF)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/10 09:43
S14	14	S13 AND (side$1wall$1 WITH smooth$4 WITH etch$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/10 09:39
S15	16	S13 AND (side$1wall$1 WITH smooth$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/10 09:39
S16	2717	S12 AND (chemical$4 ADJ mechanical$4 ADJ polish$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/10 15:34
S17	566	S16 AND (hydro$1fluoric OR HF)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/10 09:47
S18	79	S16 AND ((hydro$1fluoric OR HF) WITH clean$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/10 15:36
S19	0	S18 AND (side$1wall WITH (rough$4 OR smooth$4 OR defect$4))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/10 09:53
S20	63	S10 AND (side$1wall WITH (rough$4 OR smooth$4 OR defect$4))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/10 15:27
S21	8047	damascene$4 AND via$4	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/10 15:22
S22	5496	S21 AND (aluminum)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/10 15:22
S23	3781	S22 AND (aluminum WITH (metal$4 OR wir$4))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/10 15:23

S24	2145	S23 AND (barrier$4 WITH (Ti OR titanium OR nitride))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/10 15:23
S27	1664	S24 AND (chemical$4 ADJ mechanical$4 ADJ polish$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/10 15:34
S28	39	S27 AND ((hydro$1fluoric OR HF) WITH clean$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/10 17:19
S29	1451	((tantalum ADJ nitride) OR TaN) WITH etch$4	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/10 17:20
S30	0	("6479443").URPN.	USPAT	OR	OFF	2005/03/15 08:18
S31	25	("4370173" | "4376673" | "4871422" | "5200024" | "5286300" | "5354712" | "5382296" | "5478436" | "5630904" | "5662769" | "5700383" | "5705089" | "5714203" | "5794299" | "5806126" | "5810938" | "5824601" | "5895563" | "5897375" | "5954997" | "5965036" | "5972862" | "5981454" | "6162301" | "6165956").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/15 08:19
S32	69	("5478436").URPN.	USPAT	OR	OFF	2005/03/15 08:54
S33	8065	damascene$4 AND via$4	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/15 09:30
S34	7262	S33 AND (Al OR aluminum)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/15 09:30
S35	3580	S34 AND (barrier$4 WITH (Ti OR titanium OR nitride))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/15 09:30
S36	3451	S35 AND etch$4	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/15 09:30
S37	22	S36 AND (side$1wall$1 WITH smooth$4 WITH etch$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/15 10:00
S38	3314	(wet$4 WITH etch$4) SAME (etch$4 NEAR stop$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/15 10:02
S39	1313	S38 AND ((etch$4 NEAR stop$4) WITH (carbide OR nitride))	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/15 10:03
S40	236	S39 AND damascene	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/15 10:04